

North Pacific Ecosystem Metadatabase (NPEM)

NOAA / AFSC & PMEL / FOCI

Project Co-directors:

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IT work by:

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North Pacific Ecosystem Metadatabase (NPEM)

- ✓ makes data search fast and easy
- ✓ houses metadata of the North Pacific ecosystem
- ✓ browsable and searchable on-line inventory of data and other info

Metadata

- ✓ data about data
- ✓ information about data
- ✓ describe the characteristics of data

Federal Geographic Data Committee (FGDC) Standard

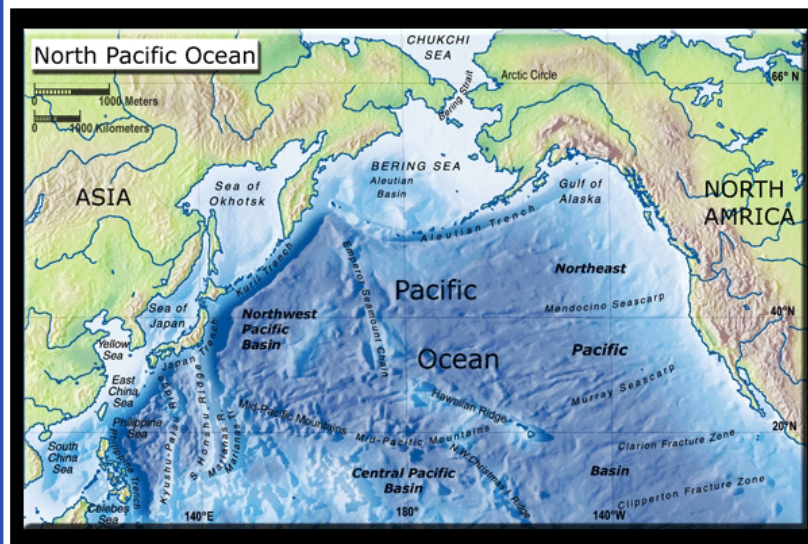
- ✓ 1994 Presidential Executive Order
- ✓ a common set of terminology and definitions

contributor - citation - description -
data status - keywords - spatial domain -
source - constraints



About

A Clearinghouse for North Pacific Metadata



The mission of the North Pacific ecosystem metadatabase project is to locate and assemble an inventory of the extensive biological and physical data collected on the North Pacific Ocean's ecosystem, develop these into an indexed, annotated catalog (metadatabase), and make the metadatabase available to researchers, administrators, managers, educators, students, and the general public.

This project is sponsored by
North Pacific Marine Research (NPMR) Program,



North Pacific Ecosystem Metadata Database

- Advanced Search -

[Home](#) [Contributor](#) [Source](#) [Random String](#) [Keyword](#) [Ecosystem](#) [Time Periods](#) [Spatial Domain](#)

[Help](#) [Preferences](#)

Search for Contributor

Name	<input type="text" value="- Select a Contributor Name -"/>	<input type="button" value="And"/>
Organization	<input type="text" value="- Select an Organization/Institution -"/>	<input type="button" value="And"/>
Country	<input type="text" value="- Select a Country -"/>	

Click the Search button only after you have entered criteria for all desired topics!



North Pacific Ecosystem Metadatabase
- Advanced Search -

Home	Contributor	Source	Random String	Keyword	Ecosystem	Time Periods	Spatial Domain
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[Help](#) [Preferences](#)

Search for Thesaurus Keyword

Keyword Thesaurus

North Pacific Ecosystem Metadatabase

Theme Keywords

Plankton

Click the Search button only after you have entered criteria for all desired topics!

Clear This Topic

Clear All Topics

Display Search Criteria

- | | |
|----------------------|--|
| 1646 | <i>Progress Report (Nov - 2000) for "A continuous Plankton recorder monitoring program for the eastern North Pacific & southern Bering Sea"</i> |
| 1690 | <i>Zooplankton Biomass (Jun/Jul mean) - Unaami Arctic Data</i> |
| 2013 | <i>Integration of Marine Bird and Mammal Observations with the Pacific Ocean Continuous Plankton Recorder Program</i> |
| 2015 | <i>A Continuous Plankton Recorder Survey of the North Pacific and Southern Bering Sea</i> |
| 4753 | <i>PICES Scientific Report No. 18 (2001) - Proceedings of the PICES/CoML/IPRC Workshop on "Impact of Climate Variability on Observation and Prediction of Ecosystem and Biodiversity Changes in the North Pacific" / edited by Vera Alexander ... [et al.]</i> |
| 4771 | <i>Bering Climate</i> |
| 4776 | <i>Fisheries and Oceans Canada, Pacific Region Zooplankton Database</i> |
| 5156 | <i>Hydrographic Parameters and Plankton Time-series Observation of the Okhotsk Sea</i> |
| 5178 | <i>PM Line Phytoplankton Data of the Sea of Japan by Maizuru Marine Observatory</i> |
| 5179 | <i>PM Line Zooplankton Data of the Sea of Japan by Maizuru Marine Observatory</i> |
| 5180 | <i>Phytoplankton Data from the Gulf of Alaska, British Columbia and the Pacific Coast of the U.S.</i> |
| 5181 | <i>Olympic Region Harmful Algal Bloom (ORHAB) Program Data</i> |
| 5182 | <i>Off-Tohoku Temperature Maps and Gridded Data</i> |
| 5183 | <i>Repeated Observation Line Along 37°N by TNFRI</i> |
| 5185 | <i>Oceanographic Survey of the Sea of Japan and East China Sea</i> |
| 5186 | <i>Oceanographic Survey of the East-China Sea</i> |
| 5187 | <i>Oceanographic Survey of the Bering Sea</i> |
| 5188 | <i>Oceanographic Survey of the Southern Coastal Area of Korea</i> |
| 5190 | <i>Oceanographic and Fisheries Time-Series Data by T/S Oshoro-Maru</i> |

KEYWORD SUMMARY

KEYWORD THESAURUS	KEYWORD
North Pacific Ecosystem Metadatabase	Biology
North Pacific Ecosystem Metadatabase	Birds
North Pacific Ecosystem Metadatabase	Plankton
North Pacific Ecosystem Metadatabase	Oceanography

Keywords: Check all that apply.

- | | | |
|---|--------------------------------------|---------------------------------------|
| <input type="checkbox"/> None | <input type="checkbox"/> Chemistry | <input type="checkbox"/> Management |
| <input type="checkbox"/> Atmosphere | <input type="checkbox"/> Fish | <input type="checkbox"/> Meteorology |
| <input type="checkbox"/> Benthic | <input type="checkbox"/> Geology | <input type="checkbox"/> Microbiology |
| <input type="checkbox"/> Biology | <input type="checkbox"/> Ice Physics | <input type="checkbox"/> Oceanography |
| <input type="checkbox"/> Biological Effects | <input type="checkbox"/> Inter-tidal | <input type="checkbox"/> Plankton |
| <input type="checkbox"/> Birds | <input type="checkbox"/> Mammals | <input type="checkbox"/> Synthesis |

Theme Keywords: Enter keywords, if any

Comments/Notes:

Please tell us who is submitting this revision.

Name: Email Address:

Submitting Revision

Reset

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Full Metadata Record Description

[\[Revise this record \]](#) OR [\[Submit new metadata \]](#)

TITLE AND ABSTRACT

Metadata ID: 4776**Title:** Fisheries and Oceans Canada, Pacific Region Zooplankton Database**URL:** http://www.pac.dfo-mpo.gc.ca/sci/osap/projects/plankton/zooplanktondatabase_e.htm**Data Type:** Database**Program Name:****Abstract:** Covers zooplankton tow data from 1965 to present for areas within the northeast Pacific.**Purpose:** Common location for zooplankton data to be stored.**Originator:** Steve Romaine, Institute of Ocean Sciences**Publication Date:** Unknown

NAME AND ADDRESS

CONTRIBUTOR

SOURCE

Name: Last, First Middle Romaine, Steve**Institution/Organization:** Institute of Ocean Sciences**Address Type:** Physical Address**Address:** 9860 West Saanich Rd**Address:** Sidney, B.C. V8L 4B2**Country:** Canada**Telephone:** 250-363-6868

Romaine, Steve

Institute of Ocean Sciences

Physical Address

9860 West Saanich Rd

Sidney, B.C. V8L 4B2

Canada

250-363-6868

7. SPATIAL DOMAIN describes the geographic areal domain of the data set using latitude and longitude (expressed as degrees and decimal degrees in the format DDD.MM). Use formats described in the [Data Format Instructions Page](#) page. Use this [web-based interactive map](#) to lookup spatial domain.

PLEASE NOTE:

Latitudes north of the equator shall be specified by a plus sign (+)

Latitudes south of the equator shall be specified by a minus sign (-)

A point on the Equator shall be assigned to the Northern Hemisphere

Longitudes east of the prime meridian (such as Asia) shall be specified by a plus sign (+)

Longitudes west of the prime meridian (such as North America) shall be specified by minus sign (-)

Bounding Coordinates (degrees and minutes):

	North	
	<input type="text"/>	
West	<input type="text"/>	<input type="text"/> East
	<input type="text"/>	
	South	

1. CONTRIBUTOR

2. CITATION

3. DESCRIPTION

4. DATA STATUS

5. ECOSYSTEM COMPONENTS

6. KEYWORDS

7. SPATIAL DOMAIN

8. SOURCE

9. CONSTRAINTS

SUBMIT & CLEAR BUTTONS

9. CONSTRAINTS describe restrictions or legal prerequisites on the data set.

Access Constraints: These include any access constraints to assure the protection of privacy or intellectual property, and any special restrictions or limitations on obtaining the data set.

Select an access constraint:

Other Access Constraints: (Enter other access constraints here)

Use Constraints: Restrictions or legal prerequisites for using the data set after access is granted. These include any use constraints to assure the protection or privacy or intellectual property, and any special restrictions or limitations on using the data.

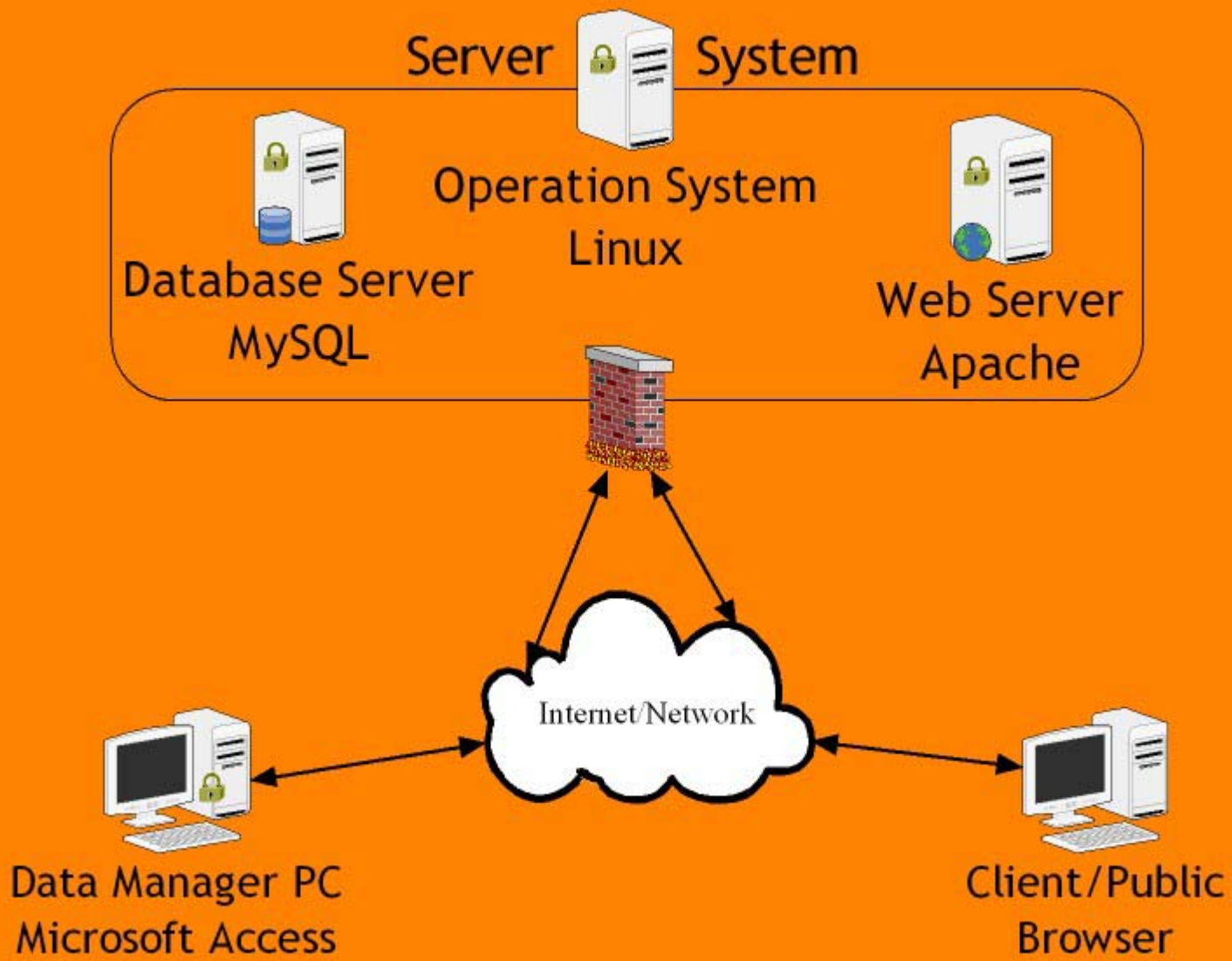
Select use constraints:

Other Use Constraints: (Enter other use constraints here)

Press button to send your completed metadata.

Benefits of using NPEM

- ✓ helps locate and understand data
- ✓ one-stop Internet source
- ✓ learn about ongoing & existing research
- ✓ facilitates data sharing



Database Security

- ✓ protect data against accidental or intentional loss, destruction, or misuse.
 - establish proper users and privileges
 - safely store or protect data & user info
 - validate data